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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8377 (1977): Bougie, Lister's and Clutton's Patterns
[MHD 1: Surgical Instruments]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

Invent a New India Using Knowledge



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard

SPECIFICATION FOR BOUGIE, LISTER'S AND CLUTTON'S PATTERNS

1. Scope — Dimensional and other requirements for bougie of Lister's and Clutton's patterns used in general and paediatric surgery.

2. Shape and Dimensions — As shown in Fig. 1 and 2.

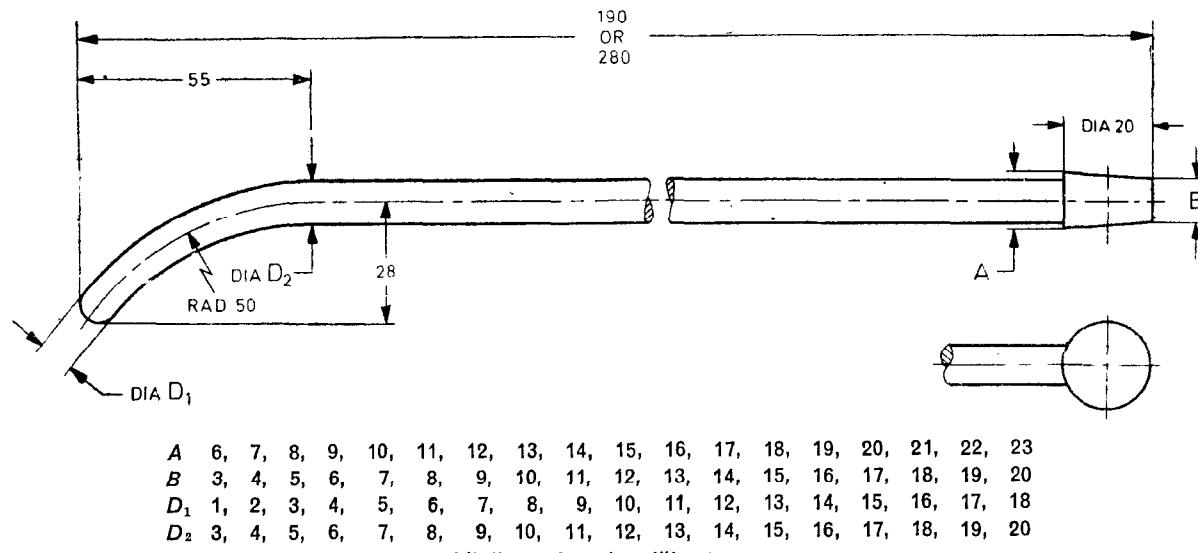
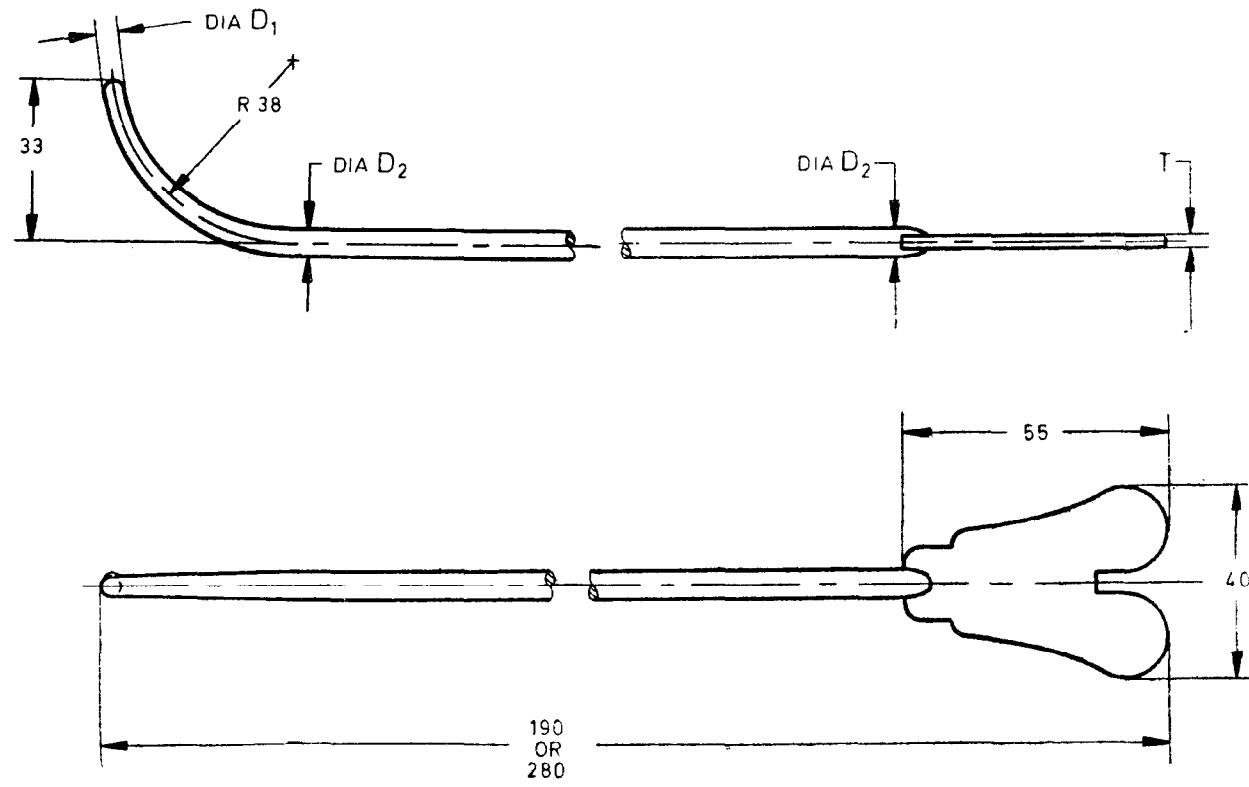


FIG. 1 BOUGIE, LISTER'S PATTERN



All dimensions in millimetres.

FIG. 2 BOUGIE, CLUTTON'S PATTERN

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2.1 A deviation of ± 2.5 percent shall be allowed on all dimensions.

3. Material — Stainless steel conforming to Designation 20Cr13 or 30Cr13 of IS : 6603-1972 ' Specification for stainless steel bars and flats '.

4. Workmanship and Finish

4.1 The bougie shall be free from pits, burrs, cracks, scales and other surface defects.

4.2 All edges shall be rounded off.

4.3 The bougie shall be polished bright and passivated.

5. Heat Treatment — The bougie shall be hardened and tempered to give a hardness of 380 to 430 HV.

6. Tests

6.1 Flexibility — Hold the bougie in a suitable vice at the knob portion. Apply a force at a distance of 100 mm from the top of the vice such that the bougie is deflected by 12 mm from its original position. After completion of the test, the bougie shall not take any permanent set.

6.2 Corrosion Resistance — Test the bougie in accordance with IS : 7531-1975 ' Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments '. There shall be no sign of corrosion after the test.

7. Marking — The bougie shall be clearly and indelibly marked with the following:

- a) Manufacturer's name, initials or recognized trade-mark;
- b) The words 'Stainless Steel' or letters 'SS'; and
- c) Size.

7.1 ISI Certification Marking — Details available with the Indian Standards Institution.

8. Packing — As agreed to between the purchaser and the supplier.